

TECHNICAL MEMORANDUM

To: Wayne Fraskins
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, California 94105-3901

From: Grant Ohland, HLA *GOH*
John Catts, HLA

Date: June 16, 1997

Subject: BPOU Groundwater Sampling Schedule for Perchlorate

On behalf of the Baldwin Park Steering Committee (BPSC), HLA has prepared the attached groundwater sampling schedule for monitoring wells in the BPOU. Monitoring wells will be purged and sampled using established sampling protocols and samples will be analyzed for perchlorate using a modification to EPA Method 300 (perchlorate by ion chromatography method). Samples will be submitted to WECK Laboratories in Industry, California for analysis. Replicate QC samples will be collected for 20 percent of the samples and submitted to both California Laboratory Services in Rancho Cordova and APPL in Fresno, California. In addition, the Water Quality Authority (WQA) is arranging to submit a fourth set of replicate QC samples from the multiport wells to the California Department of Health Services Laboratory (CDHS) in Los Angeles, California. We believe that it is appropriate to obtain a number of replicate samples from multiple laboratories to ensure meaningful sampling results given that the California Department of Health Services has not yet certified any laboratories for the perchlorate by ion chromatography method.

As shown on the attached sampling schedule, CDM will sample all multiport wells and HLA will sample wells at the Aerojet facility. In addition, selected samples remaining from the May, 1997 sampling event at the Azusa Land Reclamation facility will also be submitted for analysis.

As discussed in the meeting with the BPSC on June 12, 1997, we are evaluating apparent reductions in perchlorate concentrations across GAC units at the Big Dalton and Lanto wells. We understand that the CDHS has collected additional samples at the Big Dalton and Lanto wells and their associated GAC treatment units. We will continue to evaluate these data as they become available.

If you have questions or comments, please direct them to Grant Ohland at (303) 293-6138 or John Catts at (415) 899-8825.

cc: Don Vanderkar, Aerojet
Steve Richtel, Waste Management Inc.
Suzanne Rowe, CDM
Randy Shoellerman, WQA



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BPOU Perchlorate Groundwater Sampling Schedule

Well & Sampling Zones	Estimated Sample Date*	Sampler
EPA MW5-01, Zones 1-5	June 17, 1997	CDM
Aerojet MW-5	June 17, 1997	HLA
Aerojet MW-1	June 17, 1997	HLA
EPA MW5-01, Zones 6-13	June 18, 1997	CDM
Aerojet MW-2	June 18, 1997	HLA
Aerojet MW-4	June 18, 1997	HLA
Aerojet MW-3	June 18, 1997	HLA
BP MW5-08, Zones 1-4	June 19, 1997	CDM
BP MW5-05, Zones 1-4	June 19, 1997**	CDM
BP MW5-03, Zones 1-10	June 20, 1997	CDM
BP MW5-11, Zones 1-3	June 23, 1997	CDM
BP MW5-13, Zones 1-3	June 23, 1997	CDM
BP MW5-17, Zones 1-3	June 23, 1997	CDM
BP MW5-15, Zones 1-3	June 24, 1997	CDM
BP MW5-18, Zones 1-3	June 24, 1997	CDM

* - sampling dates are estimated and subject to change based on field conditions

** - sampling date subject to approval from Baldwin Park Unified School District